AcerPower M4

User's Guide

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AcerPower M4
User's Guide

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Record the model number, serial number, purchase date, and place of purchase information in the space provided below. The serial number and model number are indicated on the label affixed to your computer. All correspondence concerning your unit should include the serial number, model number, and purchase information.

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Model Number: _____

Serial Number: _____

Purchase Date: _____

Place of Purchase: _____

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Remark: All images are for reference purposes only.
Actual configuration may vary.

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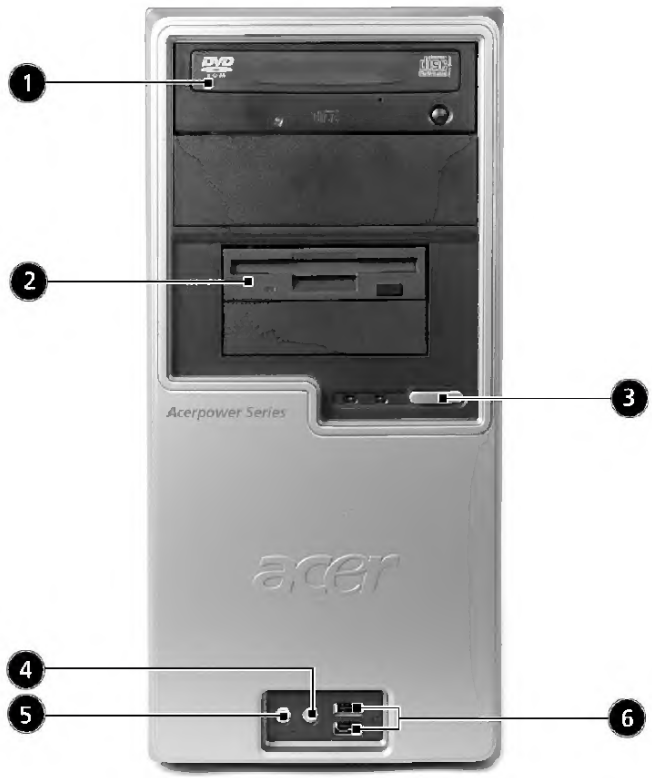
System tour

Your computer consists of the following:

Front panel



No.	Description	No.	Description
1	Optical drive	2	Floppy drive
3	Power button	4	Microphone jack
5	Speaker or headphone jack	6	USB 2.0 ports

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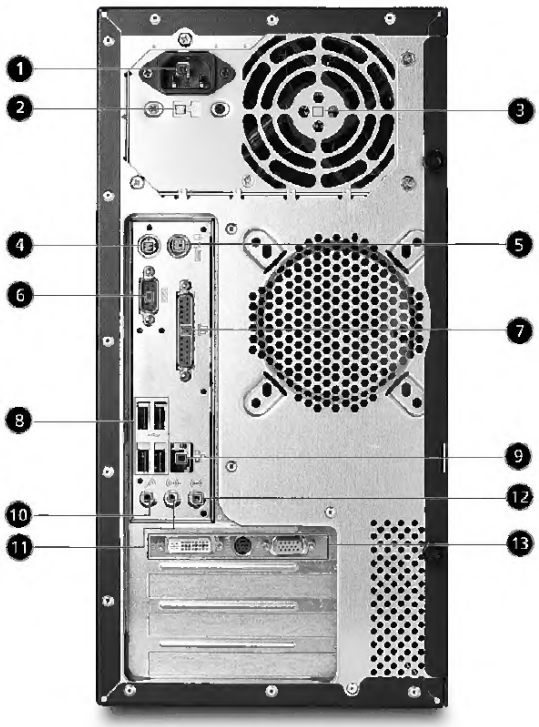
Rear panel



No.	Description	No.	Description
1	Power cord socket	2	Voltage selector switch
3	Fan aperture	4	PS/2 keyboard port
S	PS/2 mouse connector	6	Serial connector
7	Printer connector	8	USB 2.0 ports
9	RJ-4S Ethernet connector	10	Microphone jack
11	Line-out jack	12	Line-in jack
13	Monitor connector		

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System features

Your computer features:

Performance

- AMD Athlon™ 64 or AMD Sempron™ CPU
- System Memory DDR266/333/400, 2 DIMM slots expandable to 2 GB
- Power management functionality
- 3.5" inch floppy drive
- CD-ROM, DVD-ROM, CD-RW (52X/24X), DVD/CD-RW combo or DVD writer
- High-capacity, Enhanced-IDE drive/SATA
- Supports USB 2.0 high-performance peripherals

Multimedia

- 3D quality audio system via onboard audio controller
- Audio-in/line-in, audio-out/line-out, headphone-out and external microphone-in jacks

Connectivity

- Two PS/2 ports for keyboard and mouse
- One parallel port
- Six USB 2.0 ports (two front, four rear)
- High-speed V.92, 56K fax/data modem (optional)
- 10/100/1000 Mbps (gigabit) Ethernet

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System peripherals

The AcerPower M4 computer consists of the system itself, and system peripherals, like a mouse, a keyboard and a set of speakers (optional). This section provides a brief description of basic system peripherals.

Mouse (PS/2 or USB, manufacturing option)

The included mouse is a standard two-button wheel mouse. Connect the mouse to the PS/2 mouse port or USB port on the back panel of the system.

Keyboard (PS/2 or USB, manufacturing option)

Connect the keyboard to the PS/2 keyboard port or USB port on the back panel of the system.

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Speakers

For systems bundled with speakers, before powering on the system, connect the speaker cable to the audio-out (external speaker) port on the back panel of the system.

For more detailed information about the speakers, please refer to the included operating instructions.

Note: Speakers are optional and the appearance might be different, depending on the actual product.

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System upgrade

You can expand your AcerPower M4 system quickly and easily by adding components. You can also upgrade the components of your AcerPower M4 system.

Open the computer

Before removing any panels or covers, please make sure to shut off the computer and unplug the power cord from the outlet.

- Remove the two screws on the side panel.
- Slide the panel back and off.

Set up new components

You can only use components compatible with AcerPower M4 computers. Before you choose new components, please ask your authorised Acer dealer whether the part will operate within your AcerPower M4 system.

In order to ensure proper setup and installation, please refer to the instructions provided with your new components.

Probable upgrades are:

- Upgrade to high-capacity HDD
- Expand high-level memory
- Upgrade from a CD-ROM drive to CD-RW, DVD-ROM, DVD/CD-RW combo or DVD writer
- Install additional interface cards in empty PCI slots, e.g., PCI fax/modem card

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Setting up your computer

The AcerPower M4 is a versatile and powerful system, supporting an AMD Socket 939 CPU. This computer uses Peripheral Component Interface Express (PCI Express), which improves system efficiency and helps the system support varied multimedia and software applications.

Your AcerPower M4 has standard I/O (input/output) interfaces such as a parallel port, PS/2 keyboard and mouse ports, six USB ports, two microphone ports and stereo line-out jacks (one in front and one on the rear panel) and a stereo line-in jack. The system can accommodate extra peripheral equipment through these I/O ports.

Your system can also support an optional high-speed fax/data modem or an additional LAN (local area network) card.

Furthermore, the system is compatible with Microsoft® Windows® XP operating systems.

Necessary to know before setup

Prior to setting up your AcerPower M4 system:

- Select a location
- Open package

Select location

Selecting the optimum location for your computer:

- Don't place the system too close to other electrical equipment.
- Don't place the system in high-traffic areas or where the power cord or other cords may be stepped on.
- Avoid placing the system in any location that is excessively dusty or damp.

Open package

Open the package carefully and keep all packing materials for later use.

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Ensure that all items are present and in good condition. If any of the following items are missing or appear damaged, contact your dealer immediately:

- AcerPower M4 Series
- PS/2 or USB keyboard (manufacturing option)
- PS/2 or USB mouse (manufacturing option)
- Speakers (for selected models only)
- User's Guide and Starter poster

Other user documentation and third-party software.

Connecting peripherals

Note: Don't connect the system power cord before connecting all peripherals to the system.

After everything is connected, plug the power cord into the system and insert the other end into a power outlet.

Starting your computer

After connecting all the peripheral equipment, start your computer according to the steps below:

1 Power-on all peripheral equipment, such as monitor, printer, fax, speakers, etc.

2 Turn on the system. Once the start-up process is complete, you can begin to use your computer.

Shutting down your computer

From the "Start" menu, select "Shut Down" and click OK.

In the event of a system crash, press and hold the power button on the front of the system for four seconds. After the system has shut down, turn off all peripheral devices.

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Troubleshooting

The following questions are possible situations that may arise during the use of your computer, and each is followed by simple answers and solutions to the situation.

Q: I pressed the power switch but the system did not boot up.

A: Check the LED located above the power switch.

If the LED is not lit, no power is being applied to the system. Do any of the following:

- Check if the voltage selector switch located on the rear panel of the computer is set to the correct voltage.
- Check if you properly plugged the power cable into an electrical outlet.
- If you are using a power strip or AVR, make sure it is plugged in and turned on.

If the LED is lit, check the following:

- Is a non-bootable (non-system) floppy disc in the floppy drive? If yes, remove or replace it with a system floppy disc and press Ctrl + Alt + Del to restart your computer.

Q: Nothing appears on the screen.

A: Your computer's power management function automatically blanks the screen to save power. Press any key to turn the display back on.

If pressing a key does not work, restart your computer. If restarting your computer does not work, contact your dealer or the technical support centre for assistance.

Q: The printer does not work.

A: Do the following:

- Make sure the printer is connected to a power outlet and that it is turned on.
- Make sure the printer cable is connected securely to the system's parallel port and the corresponding port on the printer.
- For additional information concerning the printer, refer to the printer's documentation.

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Q: No sound comes out of the speakers.

A: Check the following:

- The volume may be muted. Look for the Volume icon on the taskbar. If it is crossed-out, click on the icon and deselect the mute option. You can also press the volume control/mute knob on your USB keyboard to toggle the mute function.
- If headphones, earphones or external speakers are connected to the line-out jack of your computer, the internal or built-in speakers are automatically turned off.

Q: System cannot read floppy disc, hard disc, CD or DVD information.

A: Check the following:

- Make sure you are using the correct type of media.
- Check if the floppy disc is formatted correctly. If not, format it again.

Caution: If you reformat a floppy disc, you will lose all data on it.

Make sure the floppy disc, CD or DVD is inserted correctly (i.e., rightside up) into the proper drive (e.g., floppy disc goes into floppy drive, DVD goes into DVD drive).

- Check to be sure the CD or DVD is clean and unscratched.
- Check your drive by using a good (i.e., undamaged) floppy or optical disc. If your floppy, CD or DVD drive cannot read the information on the good floppy disc, CD or DVD, there may be a problem with the drive. Contact your dealer or technical support centre for assistance.

Q: System cannot write to floppy disc, hard disc or optical disc.

A: Check the following:

- Make sure the media is not write-protected.
- Make sure you are using the correct type of floppy disc. Check if the floppy disc is formatted correctly. If not, format it again.

Caution: If you reformat a floppy disc, you will lose all data on it.

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Taking care of your computer

Please read the instructions listed in this section. Following these instructions will help you maximise the durability of your computer.

Important tips

- Do not expose the computer to direct sunlight. Do not place it near sources of heat, such as a radiator.
- Do not subject the computer to magnetic fields.
- Do not expose the computer to rain or moisture.
- Do not spill water onto or into the computer.
- Do not subject the computer to heavy shock or vibration.
- Do not expose the computer to dust or dirt.
- Never place the system on uneven surfaces.
- Do not step on the power cord or place heavy objects on top of it. Carefully route the power cord and any cables away from foot traffic.
- When unplugging the power cord, do not pull on the cord itself but pull on the plug.
- The total ampere rating of the equipment plugged in should not exceed the ampere rating of the cord, if you are using an extension cord. Also, the total current rating of all equipment plugged into a single wall outlet should not exceed the fuse rating.
- Check the documentation that came with your software and/or drivers to see if you can select other settings to make viewing the screen more comfortable.

Cleaning and servicing

To clean your computer and keyboard

1 Turn off the computer and unplug the power cord.

2 Use a soft cloth moistened with water and gently wipe the exterior of the computer and the keyboard. Do not use liquid or aerosol cleaners.

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To clean your pointing device

To clean your mouse (with roller ball)

1 Open the circular cover underneath the mouse.

2 Take out the roller ball and wipe it with a soft, damp cloth.

3 Put the ball back and replace the cover.

To clean your optical mouse

For users of an optical mouse, refer to the documentation that came with your mouse for maintenance instructions.

To clean your monitor

Make sure you keep your screen clean. For cleaning instructions, refer to the documentation that came with your monitor.

When to contact a service technician

- If you drop and damage the computer.
- If liquid has been spilled into the computer.
- If the computer is not operating normally.

Asking for technical assistance

For technical assistance, contact your local dealer or distributor.
You may also access the Acer Web site (www.acersupport.com) for information on how and where to contact the service centres available in your area.

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Energy Star guidelines compliance

As an Energy Partner, Acer Inc. has determined that this product meets the Energy Star guidelines for energy efficiency.

Declaration of conformity for EU countries

Acer Inc. hereby declares that this personal computer is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Notice: Shielded cables

All connections to other computing devices must be made using shielded cables to maintain compliance with FCC regulations.

Notice: Peripheral devices

Only peripherals (input/output devices, terminals, printers, etc.) certified to comply with Class B limits may be attached to this equipment. Operation with non-certified peripherals is likely to result in interference with radio and TV reception.

Modem notices

TBR 21

This equipment has been approved [Council Decision 98/482/EC - "TBR 21"] for pan-European single terminal connection to the Public Switched Telephone Network (PSTN). However, due to differences among the individual PSTNs provided in different countries, the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN termination point. You should contact your equipment supplier right away.

Important safety instructions

Read these instructions carefully. Save them for future reference.

1 Follow all warnings and instructions marked on the product.

2 Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

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3 Do not use this product near water.

4 Do not place this product on an unstable cart, stand or table. Should the product fall, it could be seriously damaged.

5 Slots and openings are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings must not be covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.

6 This product should be operated from the type of power indicated on the label. If you are not sure of the type of power available, consult your dealer or local power company.

7 Do not allow anything to rest on the power cord. Do not locate this product where people will walk on the cord.

8 If an extension cord is used with this product, make sure the total ampere rating of the equipment plugged into the extension cord does not exceed the extension cord ampere rating. Also, make sure the total rating of all products plugged into the wall outlet does not exceed the fuse rating.

9 Never push objects of any kind into this product through cabinet slots, as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind onto or into the product.

10 Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.

11 Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

   a When the power cord or plug is damaged or frayed.

   b If liquid has been spilled into the product.

   c If the product has been exposed to rain or water.

   d If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.

   e If the product has been dropped or the case has been damaged.

   f If the product exhibits a distinct change in performance, indicating a need for service.

12 Use only the proper type of power supply cord set (provided in your accessories box) for this unit. It should be the detachable type: UL listed/ CSA certified, type SPT-2, rated 7A 125V minimum, VDE approved or its equivalent. Maximum length is 4.6 metres (15 feet).

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13 Always disconnect all telephone lines from the wall outlet before servicing or disassembling this equipment.

14 Avoid using a telephone line (other than the cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.

Lithium battery statement

CAUTION
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to local regulations. Recycle if possible.

ADVARSEL!
Lithiumbatteri - Eksplosionsfare ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type. Léver det brugte batteri tilbage til leverandøren.

ADVARSEL
Eksplosjonsfare ved feilaktig skifte av batteri. Benytt samme batteritype eller en tilsvarende type anbefalt av apparatfabrikanten. Brukte batterier kasseres i henhold til fabrikantens instruksjoner.

VARNING
Explosionsfara vid felaktigt batteribyte. Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren. Kassera använt batteri enligt fabrikantens instruktion.

VAROITUS
Päristo voi räjähtää, jos se on virheellisesti asennettu. Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

VORSICHT!
Explosionsgefahr bei unsachgemäßen Austausch der Batterie Ersatz nur durch denselben oder einem vom Hersteller empfohlenem ähnlichen Typ. Entsorgung gebrauchter Batterien nach Angaben des Herstellers.

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Laser compliance statement

The CD or DVD drive used with this computer is a laser product. The CD or DVD drive's classification label (content shown below) is located on the drive.

CLASS 1 LASER PRODUCT
CAUTION: INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM.

APPAREIL A LASER DE CLASSE 1 PRODUIT
LASERATTENTION: RADIATION DU FAISCEAU LASER INVISIBLE EN CAS D'OUVERTURE. EVITTER TOUTE EXPOSITION AUX RAYONS.

LUOKAN 1 LASERLAITE LASER KLASSE 1
VORSICHT: UNSICHTBARE LASERSTRAHLUNG, WENN ABDECKUNG GEÖFFNET NICHT DEM STRAHLL AUSSETZEN

PRODUCTO LÁSER DE LA CLASE I
ADVERTENCIA: RADIACIÓN LÁSER INVISIBLE AL SER ABIERTO. EVITE EXPONERSE A LOS RAYOS.

ADVARSEL: LASERSTRÅLING VEDÅBNING SE IKKE IND I STRÅLEN.

VARO! LAVATTAESSA OLET ALTTINA LASERSÅTEILYLLE.
VARNING: LASERSTRÅLNING NÅR DENNA DEL ÅR ÖPPNAD ÅLÅ TUIJOTA SÅTEESEENSTIRRA EJ IN I STRÅLEN

VARNING: LASERSTRÅLNING NAR DENNA DEL ÅR ÖPPNADSTIRRA EJ IN I STRÅLEN

ADVARSEL: LASERSTRÅLING NAR DEKSEL ÅPNESSTIRR IKKE INN I STRÅLEN

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Declaration of conformity for CE marking

Name of manufacturer:	Acer Inc.
Address of manufacturer:	8F, 88, Sec. 1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.
Declares that product:	Personal computer
Model:	AcerPower M4

Conforms to the EMC Directive 89/336/EEC as attested by conformity with the following harmonised standards:

EN55022:1994 /A2: 1997: Limits and Methods of Measurement of Radio Interference characteristics of Information Technology Equipment

EN55024: 1998/A1: 2001: Information technology equipment -- Immunity characteristics -- Limits and methods of measurement including:

EN61000-4-2: 1995/A1: 1998/A2: 2001	EN61000-4-6: 1996/A1: 2001
EN61000-4-3: 1996/A1: 1998	EN61000-4-8: 1993/A1: 2001
EN61000-4-4: 1995/A2: 2001	EN61000-4-11: 1994/A1: 2001
EN61000-4-5: 1995/A1: 2001	

EN61000-3-2: 2000: Limits for harmonics current emissions

EN61000-3-3: 1995/A1: 2001: Limits for voltage fluctuations and flicker in low-voltage supply systems

Conforms to the Low Voltage Directive 73/23/EEC as attested by conformity with the following harmonised standard:

EN60950: 2000: Safety of Information Technology Equipment Including electrical business equipment. This equipment has been approved to Council Decision 98/482/EC (CTR21) for pan-European single terminal connection to the Public Switched Telephone Network (PSTN).

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We, Acer Inc., hereby declare that the equipment bearing the trade name and model number specified above was tested conforming to the applicable Rules under the most accurate measurement standards possible, and that all the necessary steps have been taken and are in force to assure that production units of the same equipment will continue to comply with the requirements.

Easy Lai
Easy Lai
Acer Inc.

2004/09/20
Date

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Federal Communications Comission Declaration of Conformity

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The following local Manufacturer /Importer is responsible for this declaration:

Product name:	Personal computer
Model:	AcerPower M4
Name of responsible party:	Acer America Corporation
Address of responsible party:	2641 Orchard Parkway, San Jose, CA 95134, U.S.A.
Contact person:	David Lee
Phone no.:	408-922-5097
Fax no.:	408-922-5017

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